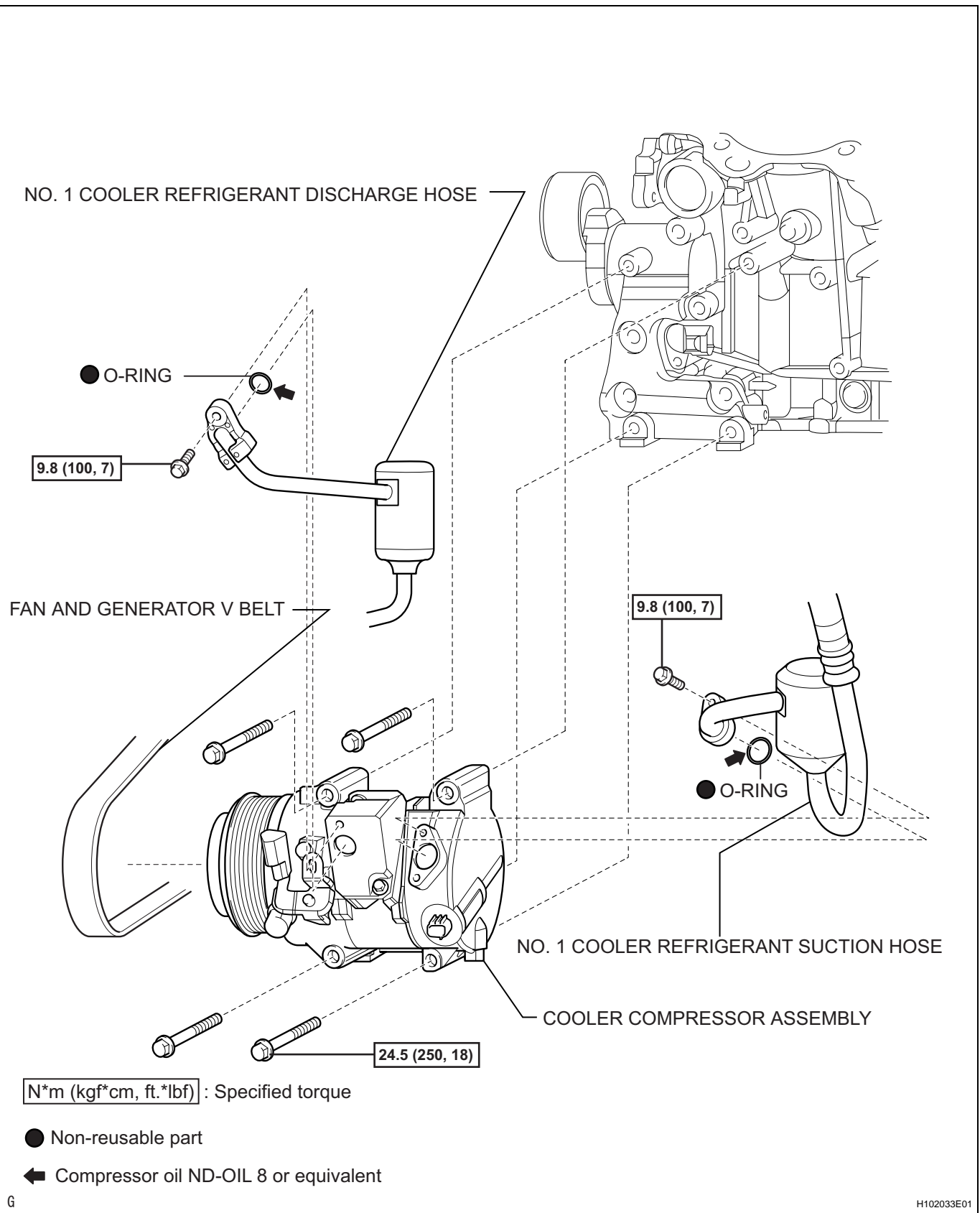


COMPRESSOR AND PULLEY (for 2GR-FE)

COMPONENTS



REMOVAL

1. **DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM** (See page [AC-172](#))
2. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

CAUTION:

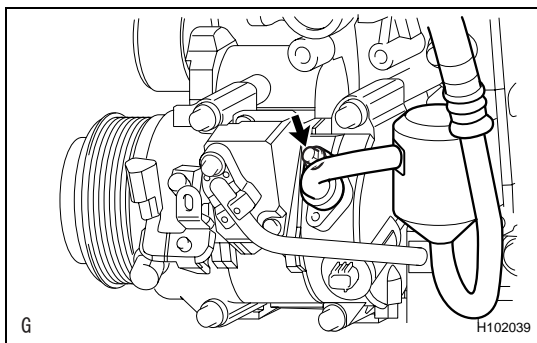
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

3. **DISCONNECT NO. 1 COOLER REFRIGERANT SUCTION HOSE**

- (a) Remove the bolt and disconnect the cooler refrigerant suction hose from the cooler compressor.
- (b) Remove the O-ring from the cooler refrigerant suction hose.

NOTICE:

Seal the openings of the disconnected parts using vinyl tape to prevent moisture and foreign matter from entering them.

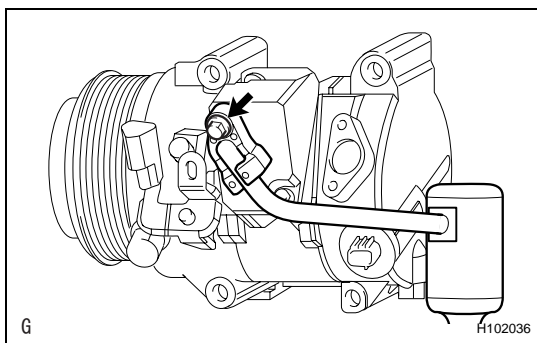


4. **DISCONNECT NO. 1 COOLER REFRIGERANT DISCHARGE HOSE**

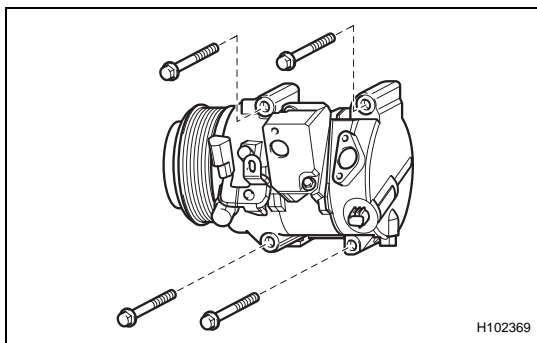
- (a) Remove the bolt and disconnect the cooler refrigerant discharge hose from the cooler compressor.
- (b) Remove the O-ring from the cooler refrigerant discharge hose.

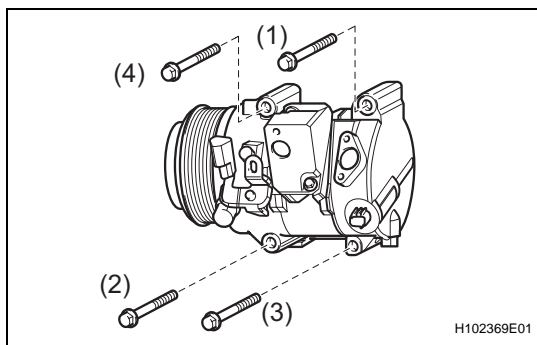
NOTICE:

Seal the openings of the disconnected parts using vinyl tape to prevent moisture and foreign matter from entering them.



5. **REMOVE FAN AND GENERATOR V BELT** (See page [EM-8](#))
6. **REMOVE COOLER COMPRESSOR ASSEMBLY**
 - (a) Disconnect the connector.
 - (b) Remove the 4 bolts and cooler compressor.





INSTALLATION

1. INSTALL COOLER COMPRESSOR ASSEMBLY

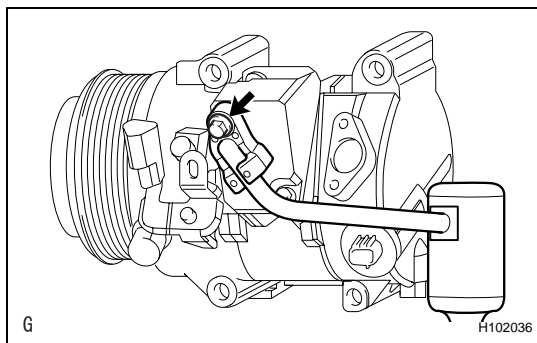
- (a) Install the cooler compressor with the 4 bolts.

Torque: 24.5 N*m (250 kgf*cm, 18 ft.*lbf)

NOTICE:

Tighten the bolts in the order shown in the illustration to install the cooler compressor.

- (b) Connect the connector.



2. CONNECT NO. 1 COOLER REFRIGERANT DISCHARGE HOSE

- (a) Remove the attached vinyl tape from the hose.

- (b) Sufficiently apply compressor oil to a new O-ring and the fitting surface of the cooler compressor.

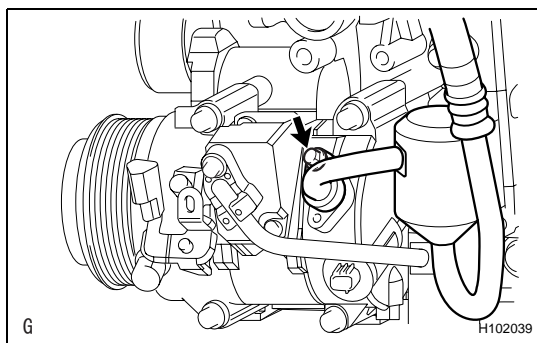
Compressor oil:

ND-OIL 8 or equivalent

- (c) Install the O-ring to the cooler refrigerant discharge hose.

- (d) Connect the cooler refrigerant discharge hose to the cooler compressor with the bolt.

Torque: 9.8 N*m (100 kgf*cm, 7 ft.*lbf)



3. CONNECT NO. 1 COOLER REFRIGERANT SUCTION HOSE

- (a) Remove the attached vinyl tape from the hose.

- (b) Sufficiently apply compressor oil to a new O-ring and the fitting surface of the cooler compressor.

Compressor oil:

ND-OIL 8 or equivalent

- (c) Install the O-ring to the cooler refrigerant suction hose.

- (d) Connect the cooler refrigerant suction hose to the cooler compressor with the bolt.

Torque: 9.8 N*m (100 kgf*cm, 7 ft.*lbf)

4. INSTALL FAN AND GENERATOR V BELT (See page [EM-8](#))

5. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

6. CHARGE REFRIGERANT (See page [AC-172](#))

7. WARM UP ENGINE (See page [AC-173](#))

8. CHECK FOR LEAKAGE OF REFRIGERANT (See page [AC-173](#))